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inmultidimensional feature - all 6 versions »

A Khotanzad, JY Chen - Pattern Analysis and Machine Intelligence, IEEE Transactions ..., 1989 - ieeexplore.ieee.org

... The Sobel operator [13], which computes the **gradient** over a ... Next, the sample mean of the **histogram** equalized **image** ... actually corresponds to a DxD **block** in the ...

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### Image processing on encoded video sequences - all 4 versions »

F Arman, A Hsu, MY Chiu - Multimedia Systems, 1994 - Springer

... types are identified, and the **entropy** and dequant ... solute value of the **difference histogram** surface is calculated ... frequency distribution in each **block** and the ...

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AA Farag, EJ Delp - Pattern Recognition, 1995 - Elsevier

... tation, in our case, is the **gradient** of the ... H, V]. Second, and most importantly, they **detect edges** solely based upon ... edges and not on the original **image** as in ...

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### A window-based image processing technique for quantitative and qualitative analysis of road traffic ... - all 3 versions »

M Fathy, MY Siyal - Vehicular Technology, IEEE Transactions on, 1998 - ieeexplore.ieee.org

... These operators have better performance than **gradient** and facet edge ... 2, where the sum of the **entropy** of the ... VERALL S YSTEM C ONFIGURATION The **block** diagram and ...

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### Image enhancement and a quantitative index using fuzzy sets - all 3 versions »

SK Pal - International Journal of Systems Science, 1987 - informaworld.com

... **block**. ... The higher the **difference** between  $F_1$  and  $F_2$ , the greater would be the contrast around ... quadratic index of fuzziness  $y_i(X)$  (Kaufmann 1975) and the **entropy** ...

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F Chang, KH Liang, TM Tan, WL Hwan - Document Analysis and Recognition, 1999. ICDAR'99. ..., 1999 - ieeexplore.ieee.org

... Such low degree of **difference** can be found between ... precisely, the scale of the text **block** to which ... for gray-level picture thresholding using the **entropy** of the ...

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AP Dhawan, TE Dufresne - US Patent 5,271,064, 1993 - Google Patents  
... cian **gradient** of the Gaussian function to evaluate zero ... and the elements did not have sufficiently differing **entropy** level of ... 2 is a **block** diagram of the **image** ...  
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[book] **Fuzzy Neural Network for Edge Detection and Hopfield Network for Edge Enhancement** - all 2 versions »  
Z Wang - 2000 - nlc-bnc.ca  
... 9.1.1 **Gradient** operators . . . . . 3.6 **Histogram** for the window 39 ... 51 The connection between **block** 1 at layer 1 to layer 2 . . . . . 52 ...  
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Automated and Manual Segmentation Techniques in Image Analysis of Microbes  
MHF Wilkinson - Digital **Image** Analysis of Microbes: Imaging, Morphometry, ..., 1998 - books.google.com  
... nature of the phrase'considerable **difference** in grey ... Given that high **gradient** points should most often be ... The **histogram** of this modified **image** shows sharper ...  
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[ps] **Fractal methods in Image Analysis and Coding**  
D Neary - 2000 - redbrick.dcu.ie  
... growing and **histogram** analysis ... j ; j bd j ), f (( MN ) 7! N (0 ; 255))) is the **image** to be ... of these are [5, 8, 9] energy, or angular second moment, **entropy**, cor ...  
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Digital image processing in flow visualization - all 5 versions »  
L Hesselink - Annual Review of Fluid Mechanics, 1988 - Annual Reviews  
... linear response graphics; **image** analysis **Block** diagram of linear ... automated procedures such as the **gradient** and Sobel ... the ART or the maximum **entropy** method tend ...  
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[ps] **Image representation with Gabor wavelets and its applications** - all 6 versions »  
R Navarro, A Tabernero, G Cristóbal - Advances in Imaging and Electron Physics, 1996 - articulo.lma.fi.upm.es  
... that can be done in the space domain: **histogram** modification, pixel ... found that Gabor functions (among others) are **entropy** minimizing signals. ... **Block** Transforms ...  
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Progress in Picture Processing: 1969--71 - all 3 versions »  
A Rosenfeld - ACM Computing Surveys (CSUR), 1973 - portal.acm.org  
... A gener- ahzation of the digital **gradient**, in conjunc ... yield the given gray-level **histogram**, and, if ... relationship between linear partial **difference** equations and ...  
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Space-Variant Two-Dimensional Filtering of Noisy Images\* ALBERTO DE SANTIS, ALFREDO GERMANI, 2 AND L JETTO - Aspects of **Image** Processing and Compression, 2001 - books.google.com  
... is given by the sum of the **block** rows of ... M, j with the mean value of the **gradient** computed over ... were estimated by means of noise-smoothing **difference** operators ...  
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[PDF] [Computational and numerical methods for bioelectric field problems - all 5 versions »](#)  
CR Johnson - Crit. Rev. Biomed. Eng, 1997 - cs.utah.edu  
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Image coding method and apparatus  
Y Shinagawa, H Nagashima - EP Patent 1,134,700, 2001 - freepatentsonline.com  
... frequency-related coding process such as entropy coding and ... to compute the mapping because a large difference in the ... This block at the m-th level is replaced ...  
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M Sharma - MPhil in Computer Science thesis, University of Exeter, 2001 - dcs.ex.ac.uk  
... 93 Figure 3.9 The effect of brightness parameter on detecting edges in SUSAN; (a ...  
106 Figure 4.9 (a) Original image; (b) Histogram thresholded image. ...  
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WR Uttal - 1992 - books.google.com  
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